(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau







PCT

(10) International Publication Number

(51) International Patent Classification7:

WO 2005/120053 A1

H04N 5/44

(21) International Application Number:

PCT/KR2005/000285

(22) International Filing Date: 31 January 2005 (31.01.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

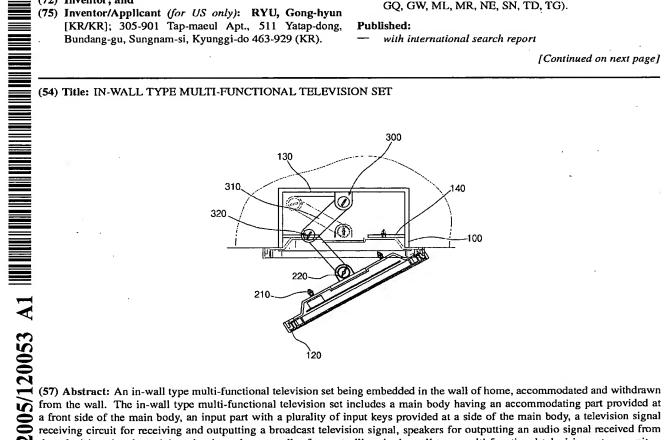
10-2004-0040524 10-2004-0068140

3 June 2004 (03.06.2004) KR

27 August 2004 (27.08.2004) KR

- (71) Applicant (for all designated States except US): COSTEL CO., LTD. [KR/KR]; E-902 Technopark, 151 Yatap-dong, Bundang-gu, Sungnam-si, Kyunggi-do 463-816 (KR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): RYU, Gong-hyun [KR/KR]; 305-901 Tap-maeul Apt., 511 Yatap-dong,

- (74) Agent: L & k PATENT FIRM; 701, Daekun Bldg., 822-5, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).



a front side of the main body, an input part with a plurality of input keys provided at a side of the main body, a television signal receiving circuit for receiving and outputting a broadcast television signal, speakers for outputting an audio signal received from the television signal receiving circuit, and a controller for controlling the in-wall type multi-functional television set, a monitor, accommodated in and withdrawn from the accommodating part of the main body, for displaying the video signal received from the television signal receiving circuit, and a connecting part having an end portion connected to the accommodating part and the other end portion connected to the monitor.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.